

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

Date of Reporting: **4-Sep-17**  
System Reliability Indices Report for: **3-Sep-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

### Voltage Profile for the day of 03-Sep-2017

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	794	759	778
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	755	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	754	764
	Anta	0.00%	100.00%	0.00%	0.00%	792	764	780
	Ballia	0.00%	100.00%	0.00%	0.00%	785	750	774
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	89.17%	10.83%	10.83%	805	769	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	747	762
	Greater Noida	0.00%	95.07%	4.93%	4.93%	802	768	788
	Jhatikara	0.00%	99.44%	0.56%	0.56%	801	766	786
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	759	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	749	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	764	776
	Meerut	0.00%	75.07%	19.03%	19.03%	808	768	790
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	799	766	784
Varanasi	0.00%	100.00%	0.00%	0.00%	786	757	777	
Unnao	0.00%	100.00%	0.00%	0.00%	781	744	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	765	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	763	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	774	751	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	782	759	772
	Champa	0.00%	100.00%	0.00%	0.00%	798	781	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	763	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	768	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	783	761	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	759	777
	Indore	0.00%	100.00%	0.00%	0.00%	781	758	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	758	774
	Koradi	0.00%	100.00%	0.00%	0.00%	774	762	770
	Pune	0.00%	100.00%	0.00%	0.00%	797	756	781
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	780	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	774	782
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	762
	Satna	0.00%	100.00%	0.00%	0.00%	774	752	764
	Seoni	0.00%	100.00%	0.00%	0.00%	785	765	777
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	762
Solapur	0.00%	95.49%	4.51%	4.51%	803	773	791	
Tamnar	0.00%	100.00%	0.00%	0.00%	798	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	769	760	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	771	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	760	766	
Wardha	0.00%	100.00%	0.00%	0.00%	793	767	782	
SR	Kurnool	0.00%	98.19%	1.81%	1.81%	802	773	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	780	788
	Raichur	0.00%	99.38%	0.63%	0.63%	802	773	789
	Nizamabad	0.00%	100.00%	0.00%	0.00%	786	753	771
	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	780	787
	Thiruvallam	0.00%	27.92%	72.08%	72.08%	810	796	803
	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	775	783
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	778	785
	Gaya	0.00%	100.00%	0.00%	0.00%	780	752	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	783	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	774	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	738	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	0	0	0
	Misa (400 kV)	0.00%	99.58%	0.42%	0.42%	421	406	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	403	392	397
	Biswanath Chariali (400 kV)	0.00%	99.31%	0.00%	0.00%	420	404	412
	Silchar (400 kV)	0.00%	99.38%	0.63%	0.63%	420	401	411

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.

